

Lake District National Park

Forecast valid from 06:00 on Tuesday 11 Aug 2020 until 23:59 on Wednesday 12 Aug 2020

Forecast Issued on Tuesday 11 Aug 2020 at 03:15

Confidence: High for warm and humid conditions until late in the week. Lower confidence for extent and timings of thundery showers.

Headline for Tuesday 11 Aug 2020: Sunny spells but a risk of thunderstorms. Very warm and humid.

Mountain weather hazards on Tuesday 11 Aug 2020

Blizzards

No Likelihood

Gales

No Likelihood

Thunderstorms

Medium Likelihood

Heavy Snow

No Likelihood

Severe chill effect

No Likelihood

Heavy persistent rain

Medium Likelihood

Storm force winds

No Likelihood

Poor visibility

Low Likelihood

Strong sunlight

High Likelihood

Weather and chance of precipitation at 800m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
					
Sunny intervals	Sunny intervals	Cloudy	Sunny intervals	Cloudy	Partly cloudy (night)
Precipitation probability					
30%	10%	10%	30%	30%	60%

Forecast for Tuesday 11 Aug 2020

Weather: Heavy thunderstorms in the early hours with frequent lightning and gusty winds. The storms will clear away north soon after dawn to leave a bright and very warm day with sunny spells. Isolated thundery showers developing in afternoon and then more widely in the evening.

Chance of cloud free mountain/hill tops above 800m: 90%. Cloud generally above the summits but some patches down to 600m in showers.

Visibility: Generally good, but sudden reductions in visibility possible in thunderstorms.

Forecast for Tuesday 11 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)				Wind Direction (blowing from)		
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/21 E	11/14 SE	9/14 S	9/15 S	8/12 S	12/15 E	11/14 SE
600	16/22 E	8/12 SE	7/12 S	7/13 S	5/8 SW	7/10 E	7/10 SE
300	6/13 SE	2/7 SE	3/10 SE	3/9 S	2/5 W	3/8 E	3/8 SE
Valley	5/9 SE	2/5 S	3/7 SW	4/7 SW	2/4 SW	2/5 E	3/7 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	19/16	17/16	18/17	18/18	18/17	17/16	17/15
600	18/16	19/19	20/20	20/21	20/20	18/18	18/17
300	19/19	21/23	23/24	24/26	22/24	19/21	18/20
Valley	20/20	21/23	22/24	23/25	22/23	20/22	19/20
Freezing Level*	3500m	3400m	3300m	3200m	3200m	3300m	3300m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Very warm and humid day with valley temperatures reaching 25C. Risk of dehydration and sunburn.

Forecast for Wednesday 12 Aug 2020

Weather: Thunderstorms overnight then mainly dry with long sunny spells. Many places staying dry but scattered thunderstorms will develop in the afternoon with a risk of hail, gusty winds and localised flooding. Very warm or hot conditions with risk of heat stress and dehydration.

Maximum wind: Mainly south or Southeast 10-15mph, but sudden gusts of 40mph possible in showers.

Chance of cloud free mountain/hill tops above 800m: 90%. Patchy cloud above 600m in showers but vast majority of summits will stay clear.

Visibility: Generally good, although rather hazy. Suddenly poor in any thunderstorms.

Temperature: **Valleys:** Plus 18 rising to 28 or 29C.

At 800m: Plus 17 or 18C.

Freezing level: Above summits.

Ground Conditions Supplement

No recent ground conditions report available.

Issued at: 03:15 on Tue 11 Aug 2020